

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: **Hisashi Miyazawa**

Serial No.: **09/525,477**

Art Unit: **2861**

Filed: **March 15, 2000**

Examiner: **Judy Nguyen**

For: **INK-JET RECORDING DEVICE AND INK SUPPLY
UNIT SUITABLE FOR IT**

July 21, 2004

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

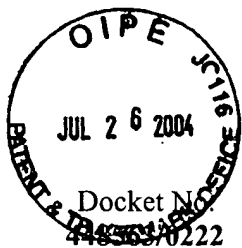
RECEIVED
JUL 24 2004
TECH CENTER 2800

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and pursuant to 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed List of References Cited by Applicant(s) form (PTO-1449). Copies of the listed references are also enclosed. For the Examiner's convenience, English abstracts of the cited foreign references have been provided, when available.

This Information Disclosure Statement is being cited in accordance with 37 C.F.R. § 1.97(b)(4), after the filing of a Request for Continued Examination and, to the best of the undersigned's knowledge, before the mailing of an Office Action. Accordingly no fee is believed to be due.

Nevertheless, the Commissioner is authorized to charge any fee which may be required for the filing of this Information Disclosure Statement, as well as any other fee which may now

or hereafter be due, to Deposit Account No. 19-4709.



4700
#48

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: **Hisashi Miyazawa**

Group Art Unit: **2861**

Application No.: **09/525,477**

Examiner: **Judy Nguyen**

Filed: **March 15, 2000**

For: **INK-JET RECORDING DEVICE AND INK SUPPLY UNIT SUITABLE
FOR IT**

Date: **July 21, 2004**

CERTIFICATE OF MAILING
BY "FIRST CLASS MAIL" (37 C.F.R. § 1.8)

RECEIVED
AUG 24 2004
TECH CENTER 2800

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Sir:

I hereby certify that the following correspondence:

**Return Receipt Postcard; Information Disclosure Statement (2 pgs.); Form PTO-1449 (7 pgs.);
104 References**

is being deposited on July 21, 2004 with the United States Postal Service
as first class mail in an envelope bearing sufficient postage thereon and addressed to:

**Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450.**

Jeong Eun Lee

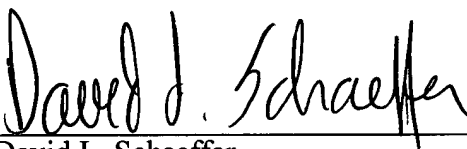
(Typed Or Printed Name Of Person Mailing Correspondence)

(Signature Of Person Mailing Correspondence)

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed List of References Cited by Applicant(s) form (PTO-1449) be returned indicating that such information has been considered.

Favorable consideration and prompt allowance of this application is respectfully requested. In the event that there are any questions, or should additional information be required, please do not hesitate to contact applicant's attorney at the number listed below.

Respectfully submitted,

By 

David L. Schaeffer
Reg. No. 32,716
Attorney for Applicant
Stroock & Stroock & Lavan LLP
180 Maiden Lane
New York, New York 10038-4982
(212) 806-5400

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)ATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,270,771	9/6/1966	Morgan et al.			
	3,779,274	12/18/1973	Kelly			
	3,941,149	3/2/1976	Mittleman			
	4,152,710	5/1/1979	Matsuba et al.			
	4,183,031	1/8/1980	Kyser et al.			
	4,514,742	4/30/1985	Suga et al.			
	4,520,369	5/28/1985	Shackleton			
	4,677,447	6/30/1987	Nielson			
	4,700,202	10/13/1987	Kuranishi et al.			
	4,869,282	9/26/1989	Sittler et al.			

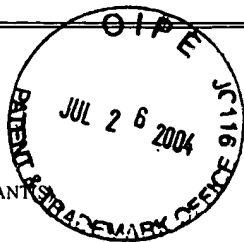
FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
FR 1 145 605	10/28/1957	France			
DE 1 152 583	9/19/1958	Germany			
FR 1 268 227	6/1961	France			
FR 2 391 405 A1	12/1978	France			
JP 55-146766	11/15/1980	Japan			w/ Eng. Abst.
JP 57-006777	1/13/1982	Japan			w/ Eng. Abst.
JP 57-197176 A	12/3/1982	Japan			w/ Eng. Abst.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)ATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,893,138	1/9/1990	Terasawa et al.			
	4,971,527	11/20/1990	Dick			
	5,039,997	8/13/1991	Pullen et al.			
	5,138,344	8/11/1992	Ujita			
	5,305,795	4/26/1994	Forberg			
	5,343,226	8/30/1994	Niedermeyeyr et al.			
	5,367,328	11/22/1994	Erickson			
	5,388,615	2/14/1995	Edlund et al.			
	5,426,459	6/20/1995	Kaplinsky			
	5,453,772	9/26/1995	Aono et al.			

FOREIGN PATENT DOCUMENTS

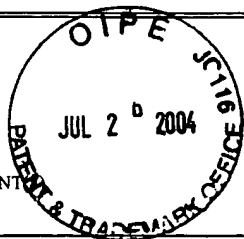
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
JP 58-036457 A	3/3/1983	Japan			w/ Eng. Abst.
DE 3 202 796 A1	8/4/1983	Germany			
EP 0 112 701 A2	7/4/1984	EPO			Eng. Orig.
EP 0 116 466 A2	8/22/1984	EPO			Eng. Orig.
JP 59-176545	10/5/1984	Japan			
GB 2 147 975	5/22/1985	Great Britain			Eng. Orig.
EP 0 238 829 A2	9/30/1987	EPO			Eng. Orig.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)ATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,477,963	12/26/1995	Mochizuki et al.			
	5,539,437	7/23/1996	Penwell			
	5,500,663	3/19/1996	Ujita et al.			
	5,646,664	7/8/1997	Pawlowski, Jr.			
	5,653,251	8/5/1997	Handler			
	5,657,058	8/12/1997	Mochizuki et al.			
	5,691,753	11/25/1997	Hilton			
	5,736,992	4/7/1998	Pawlowski, Jr.			
	5,737,001	4/7/1998	Taylor			
	5,751,319	5/12/1998	Robertson et al.			

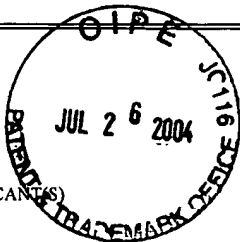
FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
EP 0 336 307 A2	10/11/1989	EPO			Eng. Orig.
EP 0 339 770 A2	11/2/1989	EPO			Eng. Orig.
JP 2-198862	8/7/1990	Japan			w/ Eng. Abst.
EP 0 412 643 A1	2/13/1991	EPO			Eng. Orig.
EP 0 424 133 A2	4/24/1991	EPO			Eng. Orig.
JP 4-073158	3/9/1992	Japan			w/ Eng. Abst.
EP 0 509 686 A2	10/21/1992	EPO			Eng. Orig.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)ATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,777,646	7/7/1998	Barinaga et al.			
	5,796,419	8/18/1998	Clark et al.			
	5,969,737	10/19/1999	Koyama et al.			
	6,000,788	12/14/1999	Iida			
	6,193,364	2/27/2001	Iida			12/13/99
	6,238,042	5/29/2001	Kobayashi et al.			9/15/95
	6,302,531	10/16/2001	Usui et al.			3/16/98
	6,332,481	12/25/2001	Shinada et al.			11/29/00
	6,390,611	5/21/2002	Kobayashi et al.			8/14/00
	6,416,152	7/9/2002	Matsuzaki et al.			5/13/99

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
EP 0 529 880 B1	3/3/1993	EPO			Eng. Orig.
JP 5-162324 A	6/29/1993	Japan			w/ Eng. Abst.
JP 5-201018	8/10/1993	Japan			w/ Eng. Abst.
JP 5-229137	9/7/1993	Japan			w/ Eng. Abst.
EP 0 562 717 A1	9/29/1993	EPO			Eng. Orig.
EP 0 631 874 A2	1/4/1995	EPO			Eng. Orig.
DE 195 45 775 A1	6/12/1997	Germany			

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)ATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,460,984	10/8/2002	Matsumoto et al.			4/28/99
	6,550,901	4/22/2003	Iida			12/27/00
	6,648,459	11/18/2003	Usui et al.			8/7/01
	6,666,551	12/23/2003	Kobayashi et al.			11/27/01
	2002/0089083	7/11/2002	Nishimuro et al.			3/18/02
	2002/0109760	8/15/2002	Miyazawa et al.			10/19/01
	2002/0135646	9/26/2002	Usui			6/22/01
	2002/0154200	10/24/2002	Miyazawa et al.			10/19/01
	2002/0158948	10/31/2002	Miyazawa et al.			4/3/02
	2002/0171721	11/21/2002	Ota et al.			5/17/02

FOREIGN PATENT DOCUMENTS

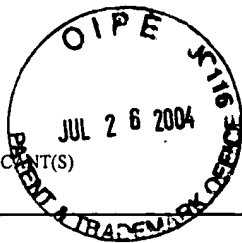
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
JP 11-058772	3/2/1999	Japan			w/ Eng. Abst.
EP 0 903 236 A2	3/24/1999	EPO			Eng. Orig.
EP 0 956 958 A2	11/17/1999	EPO			Eng. Orig.
WO 00/03877 A1	1/27/2000	Japan			w/ Eng. Abst.
EP 1 016 533 A1	7/5/2000	EPO			Eng. Orig.
WO 01/78988 A1	10/25/2001	Japan			w/ Eng. Abst.
EP 1 199 178 A1	4/24/2002	EPO			Eng. Orig.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)ATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2002/0171722	11/21/2002	Hara et al.			5/17/02
	2002/0171723	11/21/2002	Ota et al.			5/17/02
	2002/0180849	12/5/2002	Sakai et al.			5/17/02
	2003/0007043	1/9/2003	Ota et al.			5/17/02
	2003/0058312	3/27/2003	Iida			10/17/02
	2003/0058313	3/27/2003	Iida			10/17/02
	2003/0085970	5/8/2003	Sakai et al.			11/8/02
	2003/0103119	6/5/2003	Sakai et al.			11/26/02
	2003/0107627	6/12/2003	Seino et al.			4/3/02
	2003/0107629	6/12/2003	Kobayashi et al.			1/22/03

FOREIGN PATENT DOCUMENTS

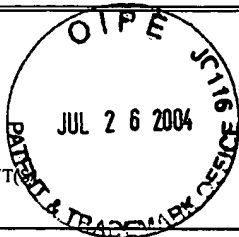
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
EP 1 258 358 A1	11/20/2002	EPO			Eng. Orig.
EP 1 270 235 A1	1/2/2003	EPO			Eng. Orig.

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT
(Use several sheets if necessary)ATTY DOCKET NO.
448563/0222APPLICATION NO.
09/525,477

APPLICANT

Miyazawa

FILING DATE

March 15, 2000

GROUP

2861

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2003/0146959	8/7/2003	Iida			3/7/03
	2004/0051766	3/18/2004	Miyazawa et al.			2/14/03
	2004/0056936	3/25/2004	Usui et al.			9/25/03
	2004/0085415	5/6/2004	Kobayashi et al.			10/29/03
	10/778,766	2/13/2004	Miyazawa et al.			2/13/04
	10/819,756	4/6/2004	Miyazawa			4/6/04
	10/826,918	4/16/2004	Miyazawa et al.			4/16/04

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

RECEIVED
AUG 24 2004

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.